SEQUENCE LISTING

<110> Bruce, Wesley B.
Niu, Xiping

<120> Novel Root-Preferred Promoter Elements
and Methods of Use

<130> 1166

<150> US 60/177,473
<151> 2000-01-21

<160> 24

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> random oligonucleotide

<400> 1
tgagatctgg atccgttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt 60
cagctg 66

<210> 2
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> random oligonucleotide

<400> 2
tgagatctgg atccgttcga caaaacggta aaaaagcggt agattaccgt cctacgaatt 60
cagctg 66

<210> 3
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> random oligonucleotide

<400> 3
tgagatctgg atccgttcga caaaacggta aaactaaagg taactgacgt cctacgaatt 60
cagctg 66

<210> 4
<211> 64
<212> DNA
<213> Artificial Sequence

<220>
<223> random oligonucleotide

<400> 4
tgagatctgg atccgttcat tgtacagcgg taaaaatcgg gagtctgtcc tacgaattca 60
gctg 64

<210> 5
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> random oligonucleotide

<400> 5
tgagatctgg atccgttcat gcggtaaata agtccatcgg aacgtgtgtc ctacgaattc 60
agctg 65

<210> 6
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> random oligonucleotide

<400> 6
tgagatctgg atccgttcgg taaaaatgag caggggatcg aaatgtccta cgaattcagc 60
tg 62

<210> 7
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> random oligonucleotide

<400> 7
tgagatctgg atccgttcaa acagtgaaat ggggcacggt agaactagtc ctacgaattc 60
agctg 65

<210> 8
<211> 64
<212> DNA
<213> Artificial Sequence

<220>
<223> random oligonucleotide

<400> 8
tgagatctgg atccgttcag aatagaaaga ggacggttaa aaactagtcc tacgaattca 60
gctg 64

<210> 9
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<221> misc_feature
<222> (1)...(66)

<223> n = A,T,C or G

<400> 9
tgagatctgg atccgttcnn nnnnnnnnnn nnnnnnnnnn nnnnnnnngt cctacgaatt 60
cagctg 66

<210> 10
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> primer with BamHI site

<400> 10
tgagatctgg atccgttc 18

<210> 11
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> primer with EcoR1 site

<400> 11
cagctgaatt cgtaggac 18

<210> 12
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 12
gaacggatcc agatctca 18

<210> 13
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 13
gtcctacgaa ttcagctg 18

<210> 14
<211> 65
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random
oligonucleotide

<400> 14
tgagatctgg atccgttcga gcagtaaaag taagaaaggc ccgtttcgtc ctacgaattc 60
agctg 65

<210> 15
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random oligonucleotide

<400> 15
tgagatctgg aaccgttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt 60
cagctg 66

<210> 16
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random oligonucleotide

<400> 16
tgagatctgg attcgttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt 60
cagctg 66

<210> 17
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random oligonucleotide

<400> 17
tgagatctgg atccgttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt 60
cagctg 66

<210> 18
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random oligonucleotide

<400> 18
tgagatctgg atccgttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt 60
cagctg 66

<210> 19
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random oligonucleotide

<221> misc_feature
<222> (1)...(66)
<223> n = A,T,C or G

<400> 19
tgagatctgg atcngttcgg ggaagggaag gtgaaagcaa gaattaccgt cctacgaatt 60
cagctg 66

<210> 20
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random
oligonucleotide

<400> 20
tgagatctgg atccgttcgg ggaagggaag gtgaaagcaa gaattactgt cctacgaatt 60
cagctg 66

<210> 21
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random
oligonucleotide

<221> misc_feature
<222> (1)...(66)
<223> n = A,T,C or G

<400> 21
ngagatctgg atccgttcgg ggaagggaag gtgaaagcaa aaattaccgt cctacgaatt 60
cagctg 66

<210> 22
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random
oligonucleotide

<221> misc_feature
<222> (1)...(66)
<223> n = A,T,C or G

<400> 22
ngagatctgg atccgttcgg ggaagggaag gtgaaagtaa gaattaccgt cctacgaatc 60
cagctg 66

<210> 23
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random

oligonucleotide

<400> 23
tgagatctgg atccgttcgg agaagggaag gtgaaggcag gaaataccgt cctacgaatt 60
cagctg 66

<210> 24
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic sequences flanking a random
oligonucleotide

<400> 24
tgagatctgg atccgttcga caaaacggta aaaaagcggt agattaccgt cctacgaatt 60
cagctg 66